

Figure 1

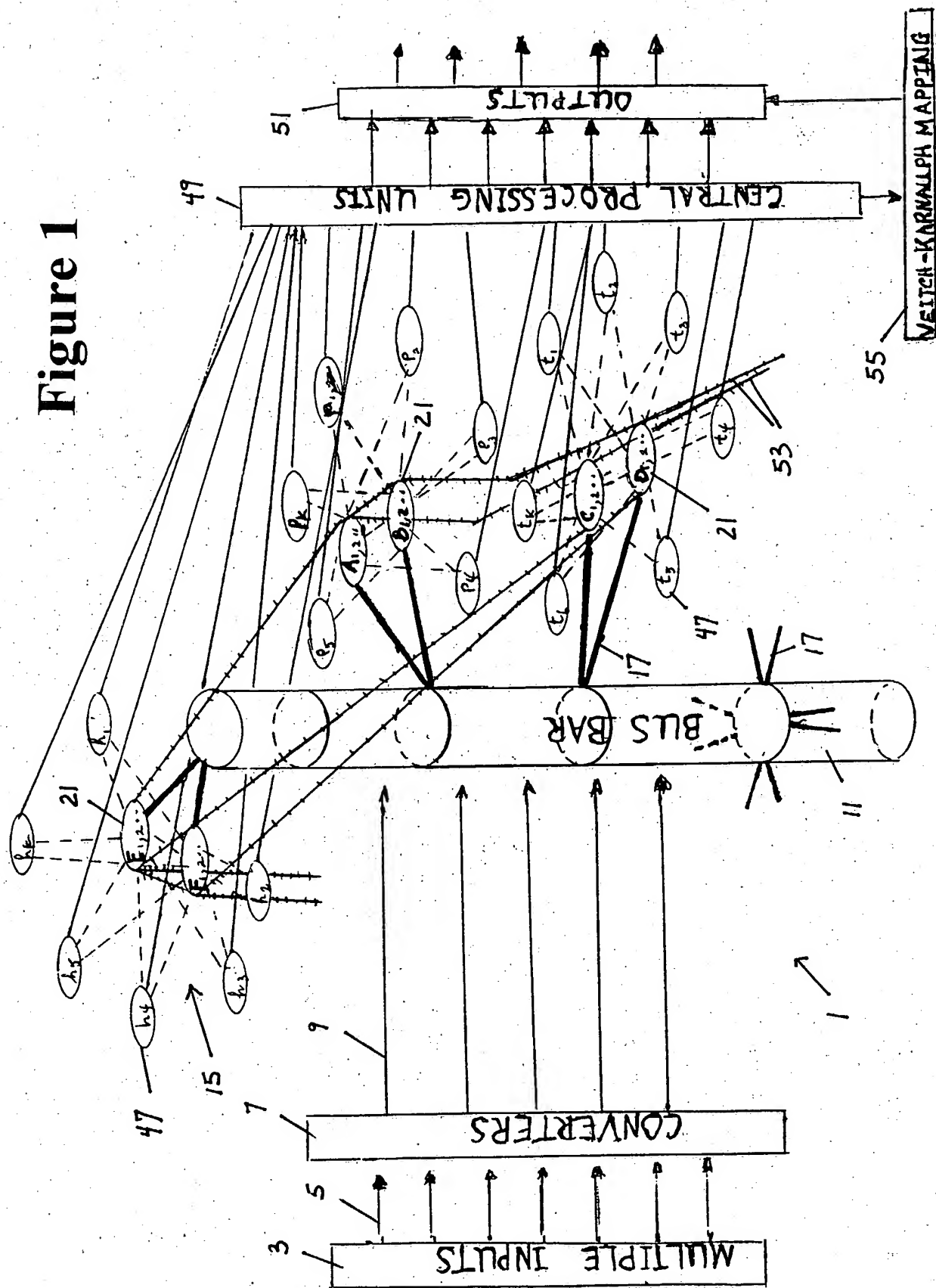
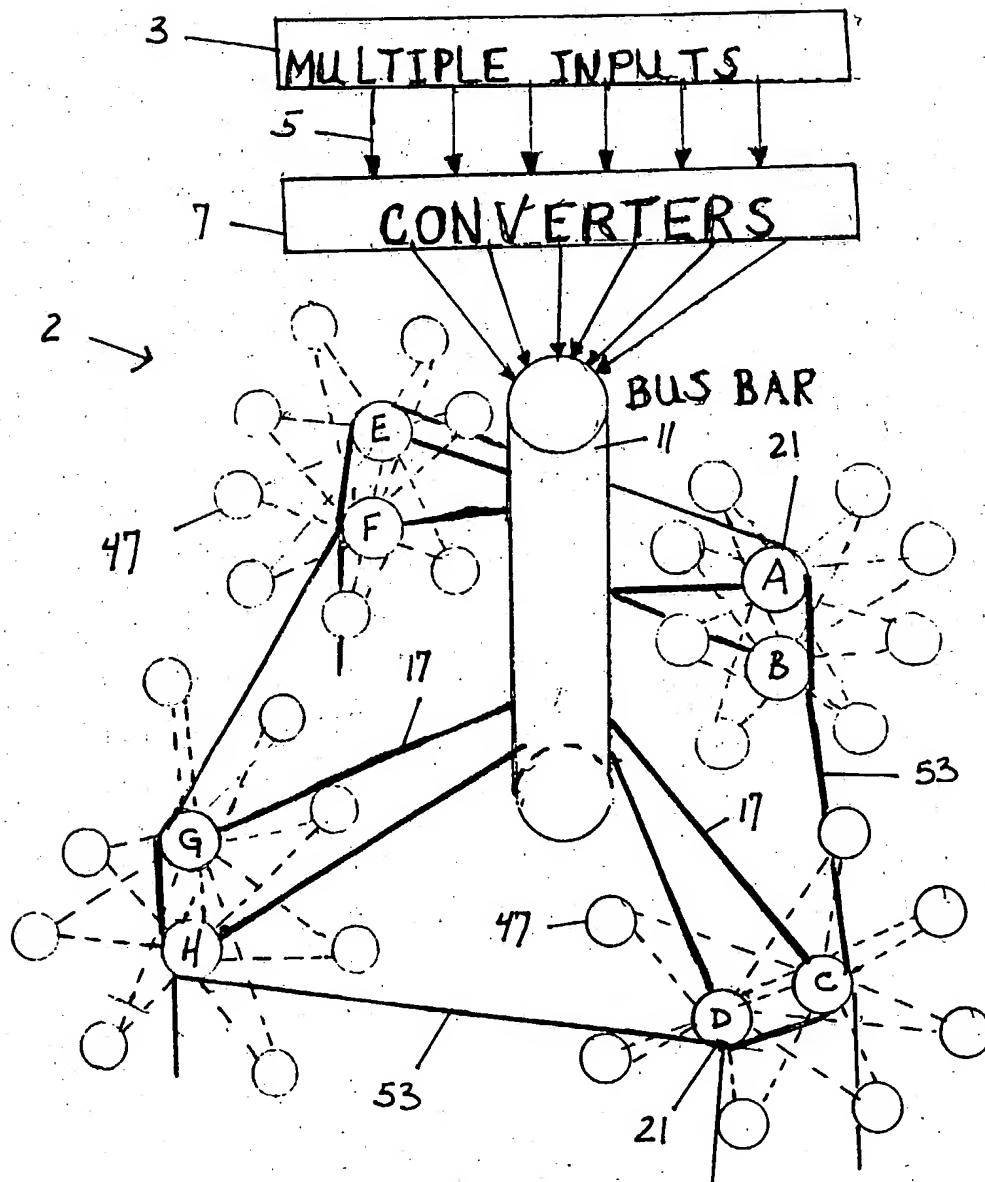


Figure 2



$m = \text{internal parameters}$

$\begin{bmatrix} Z_{11} & \dots & Z_{1w} \\ \vdots & \ddots & \vdots \\ Z_{v1} & \dots & Z_{vw} \end{bmatrix} + \begin{bmatrix} Y_{11} & \dots & Y_{1w} \\ \vdots & \ddots & \vdots \\ Y_{v1} & \dots & Y_{vw} \end{bmatrix} + \begin{bmatrix} K_{11} & \dots & K_{1w} \\ \vdots & \ddots & \vdots \\ K_{v1} & \dots & K_{vw} \end{bmatrix}$

Physiologic Pathologic Psychologic

$n = \text{external parameters}$

$\begin{bmatrix} U_{11} & \dots & U_{1w} \\ \vdots & \ddots & \vdots \\ U_{v1} & \dots & U_{vw} \end{bmatrix} + \begin{bmatrix} S_{11} & \dots & S_{1w} \\ \vdots & \ddots & \vdots \\ S_{v1} & \dots & S_{vw} \end{bmatrix} + \begin{bmatrix} R_{11} & \dots & R_{1w} \\ \vdots & \ddots & \vdots \\ R_{v1} & \dots & R_{vw} \end{bmatrix}$

Interpersonal Socioeconomic Marital

33 34 35 36 37

33 34

35

Interpersonal

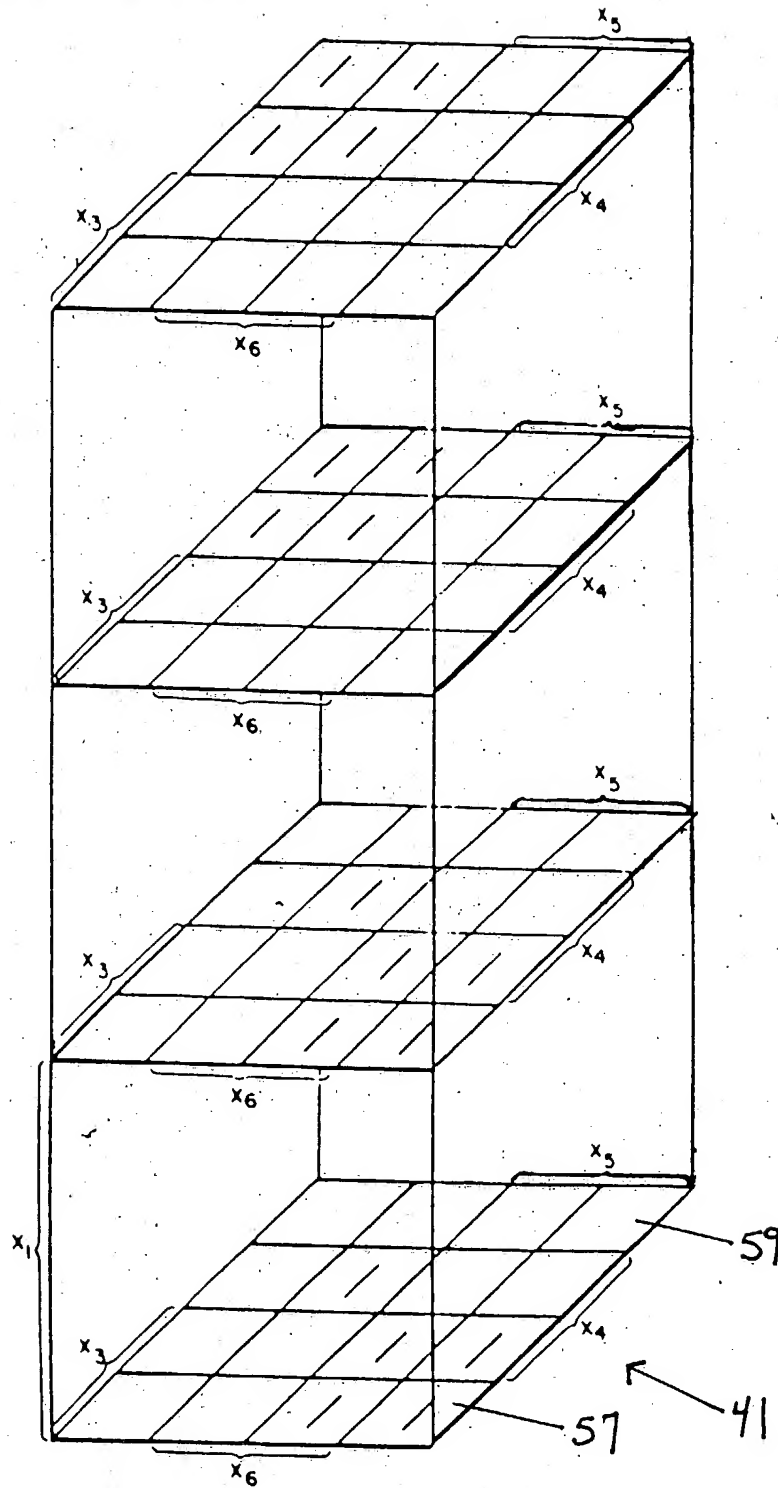
Socioeconomic

Marital

5

14

Figure 4



$$f = \bar{x}_1 \bar{x}_3 \bar{x}_5 \vee x_1 x_3 x_5 \vee \bar{x}_3 x_4 \bar{x}_5 x_6$$

Figure 5

